

(10)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) Publication number:

0 539 907 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **92118292.9**(51) Int. Cl. 5: **G02B 27/00, H04N 5/64**(22) Date of filing: **26.10.92**

(30) Priority: **01.11.91 JP 315490/91**
30.11.91 JP 341866/91
26.12.91 JP 357091/91

(43) Date of publication of application:
05.05.93 Bulletin 93/18

(84) Designated Contracting States:
DE FR GB

(88) Date of deferred publication of the search report:
27.10.93 Bulletin 93/43

(71) Applicant: **KABUSHIKI KAISHA SEGA ENTERPRISES**
2-12 Haneda 1-chome,
Ohta-ku
Tokyo 144(JP)

(72) Inventor: **Tosaki, Kenji, c/o K.K. Sega Enterprises**
2-12, Haneda 1-chome,
Ohta-ku
Tokyo(JP)

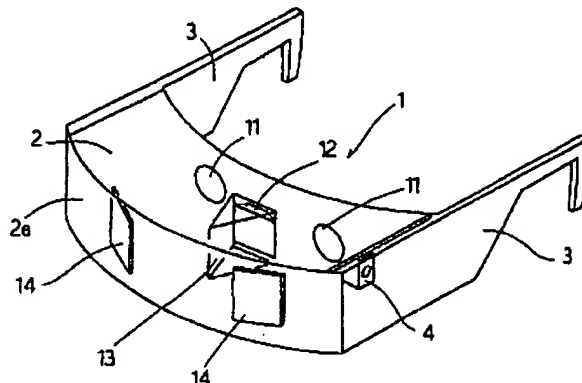
(74) Representative: **Eisenführ, Speiser & Partner**
Martinistrasse 24
D-28195 Bremen (DE)

(54) **Head-mounted image display.**

(57) A head-mounted image display comprising a housing (5) for covering both the eyes of the user, a support for mounting the housing on the head of the user, an image light emitting unit (12) provided at a predetermined position in the housing for emitting image light, a pair of right and left convex lenses

(11) provided at both the eyes in the housing for enlarging the image produced by the image light emitting means, and an optical system provided within the housing for guiding the image appearing on the image light emitting unit to the pair of right and left convex lenses.

Fig 2

**EP 0 539 907 A3**

AQ 2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 11 8292

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	EP-A-0 438 362 (SONY) * abstract; figures 3-8 * ---	1-3,5-7, 10	G02B27/00 H04N5/64
Y	US-A-4 805 988 (N.DONES) * column 2, line 42 - line 47; claims 1,2 * ---	1-3,5-7, 10	
A	GB-A-2 204 962 (Y.J.BERRY) * page 5, line 5-22; figures 1-3 * ---	6	
A	GB-A-2 205 417 (GEC-MARCONI) * figures 2-4 * ---	6	
A	EP-A-0 252 200 (OIP OPTICS) * abstract; figures 2-4 * ---	8,9,10, 11	
A	PATENT ABSTRACTS OF JAPAN vol. 13, no. 383 (E-811)24 August 1989 & JP-A-11 33 479 (KAMAYA NAOKI ET AL.) 25 May 1989 * abstract * -----	8,9,10, 11	TECHNICAL FIELDS SEARCHED (Int. Cl.5) G02B H04N
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 09 AUGUST 1993	Examiner FUCHS R.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons @ : member of the same patent family, corresponding document			

EPF FORM 150 (01/82) (POM)